

1. DATE - TIME GROUP 30 November 64 30/0630Z	2. LOCATION 33.58N 164.14E (Pacific)
3. SOURCE Military	10. CONCLUSION INSUFFICIENT DATA FOR EVALUATION
4. NUMBER OF OBJECTS One	Object moving West ruling out Satellites. Possible A/C observation, however duration other essential data missing for evaluation. Case regarded as insufficient data. 11. BRIEF SUMMARY AND ANALYSIS  Object at 30 deg elevation moving on a course of 270 degrees. Unknown speed and unknown altitude. Described as bright similar to a Satellite.
5. LENGTH OF OBSERVATION Not Reported	
6. TYPE OF OBSERVATION Ground-Visual	
7. COURSE West	
8. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. PHYSICAL EVIDENCE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

FORM  
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

Thank you again for your letter. If we can be of further assistance, please let us know.

Sincerely,

17 Nov 64  
Sincerely,  
J.P.S.

JOHN P. SPAULDING  
Lt Colonel, USAF  
Chief, Civil Branch  
Community Relations Division  
Office of Information

1 Atch  
Blue Book Report

[REDACTED]  
[REDACTED] 21  
[REDACTED], Italy



[Translator's note: Below is a complete but rather free translation of original letter in Italian. Due to the pressure of work, we have been unable to review or edit the English text.]

Messrs. Project Blue Book  
Information Office, HQ USAF (SAF-OIPB)  
Washington, DC

I obtained your address from Rome's daily newspaper, IL TEMPO. The undersigned is not addicted to either alcohol or to drugs nor do I claim to have any physical or psychic powers. I have a family of two children who are 13 and 10 years of age and who attend the Father Scolopi School in Savona. There is no record of mental imbalance or of alcoholism in my family history. What I am about to relate in this letter is the result of continuous study and great patience.

I was one of that majority [of people] that are indifferent to the "UFO" problem and gave little importance to newspaper accounts or talk about sightings of space people and had no precise thoughts on the matter one way or another. The first time occurred in June of 1962 at the Vilanova d'Albenga airfield (45 kilometers from Savona) where many people had gathered to watch the aerial acrobatics performance by Italian Air Force F84 fighter aircraft. While waiting for the squadron to appear for the start of their demonstration, I saw a UFO pass silently behind the clouds. It was a matter of a fraction of a second. It was saucer shaped and silver-gray in color.

The matter progressed until the month of July 1963 when an innumerable series of sightings, which still continue, commenced.

In that month, almost every (and always during the evening) evening we were able to observe luminous objects of the apparent magnitude of a star passing over my city. These "stars" moved in every direction, always singly and once two together but not close to each other and they moved in different directions. The height was probably between 30 and 40,000 meters. Undoubtedly the atmosphere is not perfect and they do not have a constant speed. They can move and can stop and then start again, sometimes at a great altitude, sometimes at a lower one. At times I have seen the light dim to such an extent that it disappeared and became one with the dark of the night - it would then light up, and so on repetatively. Once this summer (August 1964) one of these "stars" was visible for a few seconds because of the great light it emitted: it was low over the city and its size was approximately that of half the moon.

These night apparitions, strange to say, stopped during the winter season, except for rare occasions (for instance the night of 4 February 1965 - 20 hours). The daytime apparitions were more numerous, starting 11 July 1964. I will not list them all but will just mention the main ones.



Thus, beyond the type described above, the daytime ones assumed different shapes.

1) Spherical. They revolve around themselves showing a silvery side and the other side is of a dark color. They do not exceed 4 to 6 meters in diameter.

2) Lens-like and flat.

On 11 July 1964, 1300 hours, a spherical UFO descended over the sea in front of Bergeggi (sea-side resort 6 kilometers from Savona) on the road to Nice, France, noiselessly, rotating, made a rapid plunge to about 100 meters above sea level and to about 500-600 meters from where I was standing. Unfortunately my family and I were the only ones present, because of it being dinner time the beach was deserted.

On 22 September 1964 a large silvery object at an approximate height of 1500 meters hovered above the city from 9 to 11 p.m. Quite a crowd witnessed this including some policemen on duty from the Piazza della Prefettura [translator's note: probably one of the main squares of the city]. The same incident occurred on 19 November between 1815-1845 hours, and other times too. During September, I do not remember the exact date, from 0700-1500 hours, we counted at least 10 UFOs (including a couple flying in formation), resembling absorbent cotton which dissolved as soon as one touched it.

I have a small, incomplete list of UFO sightings above Savona and as already mentioned I will not list them all.

I can state that I have seen UFOs hovering over the city and then disappear as though made out of glass. Clouds would suddenly form in a clear sky and in them one sees a perfect round shape then they dissolve to later reshape themselves into a new round shape. But there is more to this, the UFO sightings per se are "old hat" now and no longer create great sensation.

During the night one can see over the city small luminous "rays" which appear and disappear. These "lights" are not very large (10-20 centimeters?). Now then, this summer from a window of my house (the first time on 31 October 1964 and the second time about a week later) at exactly 21 hours on both occasions, one of these "lights" penetrated our house and passed in front of us, leaving us astonished, to say the least.

Once before while I was looking out a window one of these lights had passed in front of me in a diagonal direction from the roof to the street making a strange noise. However, the lights seen in October were silent. But this is not all: from that time (and this is happening right now) strange, very rapid "shadows" move around the rooms of my house. They move in all directions and around persons like very rapid "fireflies" and even the




television screen reflects them by small dots and lines, as often happens due to some interference caused by household electric gadgets.

Well now, I am getting to the end of my letter. You can either disbelieve everything I have told you or send someone to see these things personally. I will be very happy to act as a guide.

You may wonder why all of these UFO sightings occur in Savona. These unidentified aircraft seem extremely interested in the activities of large bombers which fly day and night over our area. In all probability your SAC boys who fly over our heads will already have reported something along these lines.

Kind regards (please do not give out my name. I do not want to become a subject of discussion by the general public.)

[signed]

  
Savona, Italy



Savona, febbraio 1965 addi

Spett. Project Blue Book  
Inf. Off. HQ. USAF (SAF-OIPB)  
WASHINGTON, DC- USA -

E' sul giornale quotidiano di Roma : IL TEMPO  
che ho conosciuto ieri il v/s indirizzo .  
Vorrei premettere che il sottoscritto non è  
dedito all'alcolone agli stupefacenti, e'  
nel pieno delle forze fisiche e psichiche.  
Ho famiglia e due figli di 13 e 10 anni che  
frequentano le scuole nel College dei Padri  
Scolopi in Savona. Nella mia famiglia non ci  
sono state tare ereditarie , ne pazzi ed alcooliz=  
zati.

Quanto sto per scrivere, è frutto di continua  
attenzione e grande pazienza.

Anche io ero , come la maggioranza , di quelli  
che eran indifferenti al problema degli UFO e  
quando leggevo sui giornali o sentivo parlare  
di avvistamenti di questi aerei extraterrestri  
non davo peso alla cosa e non avevo idee precise  
in un senso o nell'altro.

La prima volta fu nel giugno del 1962 , di domenica  
nel campo di aviazione di Villanova d'Albenga  
(45 Km. circa da Savona), si era adunata molta  
gente per l'annuale raduno aereo che vedeva  
allora le acrobazie degli F 84 , aerei da caccia  
in dotazione alla Aviazione Militare Italiana.  
Or dunque mentre ero in attesa dell'arrivo della  
squadriglia che doveva iniziare le acrobazie,  
vidi passare , silenzioso, tra due rubi un UFO.  
Fu quistione di frazioni di minuti secondi. "  
Era di forma piatta e color grigio argento.  
Ma bisogna arrivare al mese di luglio 1963  
perchè dovesse iniziare una serie innumerevole  
di avvistamenti che tutt'ora dura.

In quel mese , quasi ogni sera, vedevo passare  
sopra la mia città degli oggetti luminosi (e  
sempre di sera) della grandezza apparente di  
stelle. ./.



Queste "stelle" passavano in ogni direzione sempre da sole e solo una volta due assieme ma non vicine ed in direzione diversa. L'altezza probabile potrebbe esser stata tra i 430 ed i 40 mila metri, senza dubbio nella atmosfera. La loro rotta non è mai perfetta e non hanno una velocità costante. Si muovono e possono fermarsi per poi ripartire nuovamente, certe volte più alte ed altre più basse: spesso ho visto attenuare la luce sino a diventare buie e confondersi con il buio della notte, per poi riaccendersi nuovamente e così via. Solo una volta, quest'estate (Agosto 1964) una di queste "stelle" per pochi secondi è stata visibile per la grande luce che emanava: era bassa sulla città e della grandezza apparente quasi di mezza luna.

Questi avvistamenti notturni, sembra strano, cessano con la stagione invernale, salvo rari casi. (Ad esempio la sera del 4/2/65 ore 20,00)

Gli avvistamenti a pieno giorno sono stati ancor più numerosi a partire dal giorno 11 Luglio 1964 e non starò ad elencarli tutti ma accennerò a quelli principali.

Dunque, oltre al tipo sopraindicato, quelli visti di giorno sono di diverse forme.

1) A forma sferica. Roteano su se stessi, mostrandoci una parte argentea e l'altra di color scuro. Non sono più grossi di metri 5/6 di diametro.

2) A forma piatta e lenticolare.

Il giorno 11 Luglio 1964 alle ore 13,00 un UFO a forma sferica discese basso sul mare davanti a Bergeggi (località balneare a 6 Km. da Savona sulla strada che porta a Nizza) senza alcun rumore, roteando, fece una rapida affondata a circa 100 metri sul livello del mare ed a circa 500/600 metri di distanza da dove ero. Sfortunatamente data l'ora (nel pranzo, sulla spiaggia non vi era alcuna persona. Solamente mia moglie (che fu la prima a vedere) e mio figlio erano presenti al fatto.

Il 22 Settembre 1964 un grosso oggetto argenteo



( 3 )

ad una altezza che non superava i 15 mila metri , rimane sulla città dalle 9,00 sino alle 11,00 ed oltre . Moltissima gente dalla Piazza della Prefettura hanno visto il fatto ivi compresi dei poliziotti di servizio presso la Prefettura. Lo stesso fatto si è ripetuto il 19 Novembre alle ore 18,15- sino alle 18,45 in quanto fu coperto poi dalle nubi, ed altre volte ancora. Nel mese di settembre in un giorno che non ricordo dalla mattina alle ore 7 sino alle 15,00 del pomeriggio abbiamo contato circa una diecina di UFO ( anche una coppia che volavano in formazione ) e sulla città è caduta molta bambagia silicea che si scioglieva appena si toccava.

Ho un piccolo elenco (non completo) di avvistamenti di UFO sopra Savona e come già scrissi non staro' ad enumerare trascriverlo tutto. Vi posso affermare di aver visto degli UFO fermi sulla città e sparire, come fossero vetro , alla vista . Nubi che si formano all'improvviso nel cielo sereno ed in esse si vede un vuoto rotondo perfetto , poi si disfano per ricomporsi nuovamente sempre con la forma del circo in esse. Ma vi è di piu', perchè ormai gli UFO sono avvistati in tutto il mondo e pertanto non fanno piu' tanto "notizia", tanto che passano tra la generale indifferenza della gente.

Durante la notte è possibile vedere sulla città dei piccoli "raggi" o flash di materia luminescente che velocemente appare e sparisce, queste "luci" non sono molto grosse ( 10 - 20 centimetri ? ) . Or dunque questa estate da una finestra di casa (la prima volta era il 31 Agosto 64 e la seconda 7 giorni circa dopo ) alle ore 21,00 di sera in punto tutte e due le volte , una di queste "luci" entro' in casa e passo' sotto il naso di noi di casa che rimanemmo muti e stupiti . ./.



4)

Ancor prima una di queste "luci" era passata davanti alla mia persona, mentre ero affacciato ad una finestra nel senso verticale dal tetto alla strada questa con uno strano rumore, mentre le precedenti descritte erano state del tutto silenziose. Ma cio' non è tutto : da allora in casa mia (e cio' è controllabile anche in questo momento), vagano per le stanze delle strane velocissime "ombre" che in momenti discontinui attraversano in tutti i sensi l'aria, girano attorno alle persone come velocissime "farfalle" e persino il 4 video del televisore le denuncia con dei piccoli punti e righe, quasi come avviene per il disturbo lasciato dall'uso degli elettrodomestici. Or dunque termino il mio scritto. Potete anche non credere a tutto cio' che ho scritto. Però potete inviare vostri delegati per controllare in "loco" (sarò ben lieto di far da guida) e di far vedere in casa le famose "ombre vaganti".

In finis, chiederete, perchè proprio a Savona tutti questi passaggi di UFO? Orbene questi velivoli sconosciuti, sembrano molto interessarsi del passaggio di grossi bombardieri che giorno e notte passano netta sopra la nostra regione (e questo è un punto che spesso si incontrano quelli diretti verso il mare con quelli verso il retroterra). Con tutta probabilità i vostri ragazzi del SAC che passano sempre sopra le nostre teste avranno riferito qualcosa in proposito.....

Con cio' concludo porgendo i piu' distinti e cordiali saluti.

(CON PREGHIERA DI NON PUBBLICARE IL MIO NOME ....IN PASTO AL PUBBLICO)

[REDACTED]



26 27/00002  
INCOMING  
MESSAGE

~~27/00002~~  
DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 56125 (27 Nov 64) A/pms

ACTION: NIN-7

INFO : XOP-1, XOPX-7, SAF-OS-3, JCS/OSD-1, NSA-7, DIA-15 (42)

SMB C047 V DZA713ADA448TFD586VV GAB369

\*\*\*\*\* ZZ RUEAHQ

DE RUETGA 18 27/0516

ZNR

Z 270515Z

FM BABS 17/OUTWEIGH

TO RUEAHQ/CSAF WASHINGTON

RUEASN/26ADIV ADC

RUECBD/COMEASTSEAFRON

RUETAD/8AF WESTOVER

RUCSBB/CINCSAC

RUCVAF/2AF BARKSDALE

RUCKDT/COMASWFORLANT

RUWBKG/15AF MARCH

RUNGALB/CINCNOAD

RCCSC/CANAIRDEF ST HUBERT

RCEOM/CANCOMARLANT HALIFAX

BT

UNCLAS ZIPPO CIRVIS/BABS 17 SURFACE CITING

20 SHIPS AT SEA AT 4343N 5120W AT 0400Z

BT

NOTE: Advance copies delivered to KOPX, NIN, DIA.  
Readdressed to CIA on AFHQ Form 1392 #529.



HIGH RADIATION FOLLOWS UFO SIGHTING: On the night of November 26th, Mrs. Florence Rosenburgh of Grand Valley, Pennsylvania, saw a bright ball of light traveling very fast and low. She had just stepped down from the porch of a relative's home when she spotted the object above and slightly behind a nearby barn. It was only about 100 feet above the ground, according to Mrs. Rosenburgh, who was accompanied by her daughter at the time. The UFO apparently fell in a pasture adjoining the barn, though no trace of it could be found. However, a local saucer investigator came the following day with a scintillator (similar to a geiger counter), and noticed a radiation count five times normal in the area. The UFO was also seen on the night of the 26th by a man named Elmer Van Guilder, who described it as having had "a dark oblong shape" in front of the ball of light. He added that the apparently solid part of the object was about ten times as long as the light itself.



INCOMING  
MESSAGE

30/0630Z

DEPARTMENT OF THE AIR FORCE  
SEAF MESSAGE BRANCH

30 NOV

Satellite

UNCLASSIFIED

AF IN : 59908 (30 Nov 64) N/rph

ACTION: NIN-7

Pg 1 of 2

INFO : XOP-1, XOPX-7, DIA-15, NSA-7, SAF-OS-3, JCS/OSD-1 (42)

SMB C028 CHQA679ZCCJC048

OO RUEAHQ

DE RUHPJ 063 30/0658Z

ZNR

O 300645Z

FM CGC MATAGORDA

TO RUEAHQ/COFS USAF

ZEN/CCGD FOURTEEN

ZEN/CTF THREE TWO

RUWGALB/CINC NORAD

RUHLHL/CINCPACFLT

INFO RUECJD/COMDT COGARD

RUWSJ/COMWESTAREA

BT

UNCLAS

MERINT.

1. MATAGORDA/NIFV.

2. ONE BRIGHT OBJECT SIMILAR TO SATELLITE

3. 33-58.5N 164-14.0E

4. 300630Z

ECG I No

30/0630  
0601

+29

334.70

-104.95  
230° 180

45°N - 130°E Sel

ECG II No

30/0630

30/0613

+17

15.42

-6.32

50°N 090°W



NO CASE (Information Only)

Source: APRO Bulletin, May & Jun 65

27 November 64  
North Cape, P E Island, Can

### **Three View UFO In Canada**

Fishermen Alphonse Gaudet, Eric Mc-Innis and Arnold Gaudet sighted a silver, wingless object while fishing near North Cape, P. E. Island, Canada at 1:30 a.m. on 27 November 1964. The men were mackerel fishing near North Cape and were 1 1/2 miles off the shore of Sea Cow Pond when they spotted the object heading in an easterly direction at high speed.

Arnold Gaudet, through previous experience in seal hunting by airplane, estimated the object's altitude as approximately 2,000 feet. The men thought it was an airplane until they noticed the absence of wings. They said, it had orange-colored fins extending all around the object which appeared to be 30 feet in diameter. It disappeared into the east shortly after it was first seen.



NO CASE (Information Only)

Source: AFRO Bulletin, Mar & Apr 65

27 November 64

Longmont, Colorado

Longmont, Colorado—

Deputy Sheriff Walt Dunbar, riding in a northern direction with Mrs. Dunbar, at 9:37 p.m. on 27 November 1964, saw a brilliant white object travelling about 20 degrees above the horizon in the north and which went from southwest to northeast in about 10 seconds. Just before it disappeared, bright streaks shot out from the object's sides diagonally to the path of flight. The object was also seen by Deputies Chuck Waneka and Hugo Ziegler, who were cruising in a patrol car.



Information Only  
Source: Fawcett

Prince Edwards Island  
28 November 1964

✓ November 28, 1964 -- Prince Edward Island, Canada -- Three fisherman, Arnold Gaudet, Alphonse Gaudet, & Eric McInnis reported a silver colored wingless UFO, 30 feet in diameter, with orange colored fins flying above Sea Cow Pond. SOURCE: Prince Edward Island Guardian, Canada.



Information Only  
Source: Fawcett

Grand Valley, Pennsylvania  
30 November 1964

Page # 2 SAUCERS FLEW IN 1964-65

✓ November 30, 1964--Grand Valley, Pennsylvania--A background radiation count of about 5 times normal was detected after a round UFO moved above the ground near a farmhouse. The object was reported by housewife Florence Rosenburgh and several other eyewitnesses. SOURCE: Corry Journal, Pa.



# DECEMBER 1964 SIGHTINGS

DATE	LOCATION	OBSERVER	EVALUATION
Dec	Seward, Pennsylvania	[REDACTED]	Astro (METEOR)
2	29.30N 169.30W (Pacific)	Military	Satellite
4	64N 10W (Near Iceland)	Military	Satellite
4	Baker, Oregon	Civilian & Military (GROUND VISUAL & GROUND RADAR)	Visual: Astro (STARS/ PLANETS)
5	Vero Beach, Florida	Civilian Pilot	Radar: FALSE TARGETS
6	Baker, Oregon	[REDACTED]	Insufficient Data
14	Falls Church, Virginia	[REDACTED]	Astro (METEOR)
14	Needham, Massachusetts	[REDACTED]	Astro (MOON)
18	Cudahay, Wisconsin	[REDACTED]	Insufficient Data
19	01.14N 164.12W (Pacific)	Military	Other (UNRELIABLE REPORT)
19-29	Patuxent River, Maryland	Military	Satellite
21	Harrisonburg, Virginia	[REDACTED]	Other (RADAR ANOMALIES)
29	Cleveland, Ohio	[REDACTED]	Other (PSYCHOLOGICAL CATEGORY)
29	Glen Falls, New York	[REDACTED]	Astro (ARCTURUS/MARS)
			Balloon

## ADDITIONAL REPORTED SIGHTINGS (NOT CASES)

DATE	LOCATION	SOURCE	EVALUATION
Dec	Universe	Science News Ltr	
4	Los Angeles, California	[REDACTED] 164)	
4	British Columbia	Newsclipping	
5&8	Cape Kennedy, Florida	Newsclipping	
6	Berea, Ohio	Newsclipping	
7	Crosbyton, Texas	Newsclipping	
7	Cuyahoga Falls, Ohio	Newsclipping	
10	East Tennessee	Newsclipping	
13	Montrose, Colorado	Newsclipping	
21	Kankakee, Illinois	Newsclipping	
28	Gilroy, California	Newsclipping	
29	Akron, Ohio	Newsclipping	
30	Bellevue, Nebraska	[REDACTED] 164)	



INCOMING  
MESSAGE

DEPARTMENT OF THE AIR FORCE  
STAFF MESSAGE BRANCH

UNCLASSIFIED

AF IN : 59908 (30 Nov 64)

Pg 2 of 2

5. MEDIUM POSIT ANGLE 30.

6. COURSE 270T.

7. UNKNOWN

8. UNKNOWN

9. SEA CALM WEATHER CLEAR

BT

NNNNCHQD571ZCCJB464

RR RUEAHQ

DE RUMSBJ 28

AND MATE DISREGARD PLS

CHQD571ZCCJB

NNN

N

NOTE: ADVANCE COPY DELIVERED TO KOPX & DIA, & NIN  
RETRANSMITTED TO CIA PER AF HQ 1392 #578



## ASTRONOMY

# Jupiter Now Prominent

A total lunar eclipse and Jupiter's shining appearance in southern skies, studded with an unusual number of bright stars, highlight December evenings.

By JAMES STOKLEY

➤ SHINING MORE BRIGHTLY than any other planet—or any star—visible on evenings of December, the planet Jupiter is now very prominent in the southern sky. It adds to the splendor of a region containing an unusually large number of bright stars.

The accompanying maps show the appearance of the heavens in December about 10:00 p.m., your own kind of standard time, at the beginning of the month; 9:00 p.m. at the middle of the month; 8:00 p.m. at the end.

Jupiter is high in the south, in the constellation of Aries, the ram. Just to the left you can see Taurus, the bull, which contains the bright reddish star called Aldebaran. Although it is of the first magnitude on the astronomer's brightness scale, Aldebaran is about a nineteenth as bright as Jupiter.

Farther to the left and lower than Taurus stands Orion, the great warrior, with first magnitude stars Betelgeuse and Rigel. Between them is a row of three fainter stars that represent Orion's belt according to the way the group has been pictured.

A little higher than Orion and to the left is the constellation of Gemini, the twins.

Part of this group is on the northern sky map, including its brightest stars of Castor and Pollux.

Below Orion are the two dogs. In Canis Major, the big dog, is Sirius, known as the "dog star." This is the brightest star visible in the night sky. However, its brilliance is now somewhat reduced because of its low altitude and the increased absorption of its light by the earth's atmosphere. Procyon is the bright star in the little dog, Canis Minor.

## Saturn in Southwest

Another planet, Saturn, appears in the southwest, in Aquarius, the water carrier, considerably fainter than Jupiter. Above Aquarius is Pegasus, the winged horse, with three of the four stars that form the familiar "great square." Low in the northwest is Vega, the bright star of Lyra, the lyre, now greatly dimmed by its low altitude.

Although Mars rises too late to be shown on our maps, it is the third planet visible on December evenings. The "red" planet rises in the east just before midnight at the beginning of December, and about 10:30 p.m. at the month's end. It is in the constellation of Virgo, the virgin.

About two and a half hours before sun-

rise, early in the month, Venus rises above the eastern horizon. It is even more brilliant than Jupiter and is in Libra, the scales. Mercury, this month, is too near the direction of the sun to be seen easily.

## Sun Farthest South

On Monday, Dec. 21, at 2:50 p.m., E.S.T., the sun will be farthest south—directly over a point in the south Pacific Ocean about 400 miles northwest of Easter Island. For those of us who live in the Northern Hemisphere, this marks the beginning of winter and we have the shortest period of daylight. But in countries south of the equator it will be the first day of summer—and the longest from sunrise to sunset.

Although December will bring two eclipses (the last of six during the year), one will be of little interest. This is a partial eclipse of the sun on Dec. 3. Over most of the northern Pacific Ocean, northeastern Asia and southwestern Alaska, it will be possible to see the moon pass in front of the sun, covering as much as 75% of the solar diameter.

This occurs, like all eclipses of the sun, at the time of new moon. Two weeks later, when the moon has traveled half way around the earth and reached full phase, it will enter the earth's shadow and there will be a total eclipse of the moon. Generally when the moon is full, there is no eclipse, because it passes either north or south of earth's shadow.

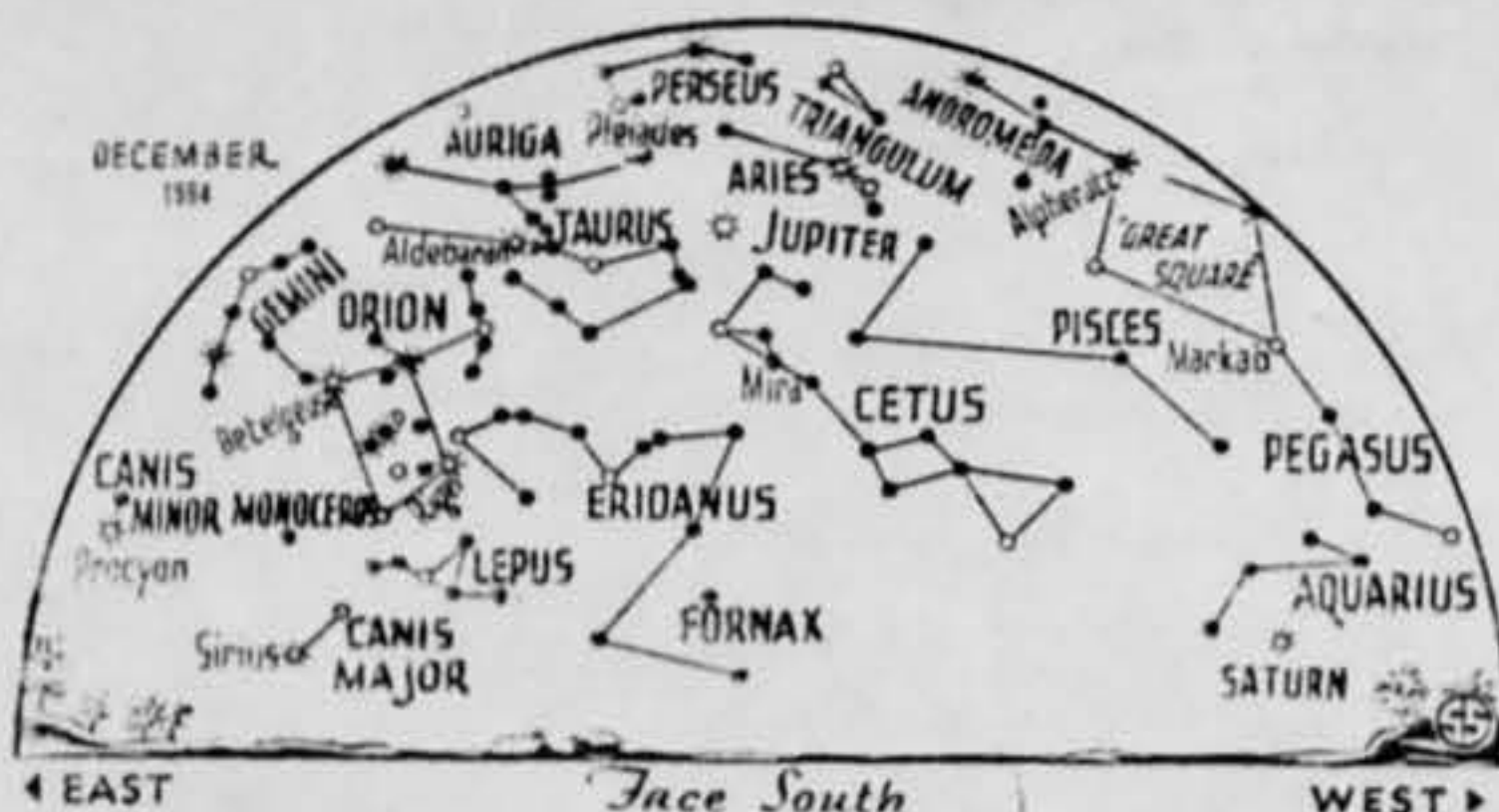
On Friday evening, Dec. 18, people in both North and South America, where the sky is clear, will be able to see the brilliant light of the full moon fade as the eclipse reaches its height, and then return to full brilliance when it is over.

The accompanying diagram shows the principal stages of the eclipse. North (i.e., the direction of Polaris, the north star) is at the top and the large circle represents the earth's shadow. At 8:00 p.m., E.S.T. (subtract one hour for Central, two hours for Mountain and three hours for Pacific Standard Time), the edge of the moon will just be entering the shadow, as indicated at I.

## Stages of Eclipse

Within a few minutes the curved edge of the shadow will be visible, then it will slowly creep across the lunar surface. At 9:08 the moon will be completely immersed in the shadow (II) and the total eclipse will begin. At 10:08 (III) the total phase ends and the moon begins to emerge from the shadow. By 11:16 (IV) the moon will be completely out of earth's shadow.

Generally, the moon does not disappear from view completely when it is totally eclipsed, but shines with a dull, coppery red glow. This is because the layer of air around the earth acts as a prism, to bend into the shadow some of the sun's rays. As sunlight passes through the atmosphere, some of its



• \* • • SYMBOLS FOR STARS IN ORDER OF BRIGHTNESS



blue waves are scattered, which make the daytime sky look blue. Thus the light that passes through and shines on the moon has a higher proportion of red than normally, giving the eclipsed moon its characteristic color.

If there are thick layers of high clouds in the part of the atmosphere through which the sunlight passes, much of it may be cut off, and the eclipsed moon will be darker than usual. Occasionally the moon may disappear completely, as it did at a total eclipse of the moon a year ago. This one, however, will probably not be as dark.

Scientifically a total lunar eclipse is of relatively little significance compared with one of the sun, but it is a fascinating spectacle. This one will be widely observed in the United States and Canada if the weather is good, since the eclipse occurs at a convenient viewing hour in the evening.

#### Celestial Timetable for December

DEC.	EST	
3	8:19 p.m.	New moon, partial eclipse of sun
6	7:00 a.m.	Moon farthest, distance 252,500 miles
10	4:00 a.m.	Algol (variable star in Perseus) at minimum brightness
	7:00 a.m.	Moon passes south of Saturn
12	1:02 a.m.	Moon in first quarter
13	early a.m.	Meteors visible apparently radiating from constellation of Gemini
	12:50 a.m.	Algol at minimum
15	9:30 p.m.	Algol at minimum
16	4:00 a.m.	Moon passes south of Jupiter
18	4:00 p.m.	Mercury between earth and sun
	6:20 p.m.	Algol at minimum
	9:42 p.m.	Full moon, total eclipse
19	6:00 a.m.	Moon nearest, distance 221,700 miles
21	2:50 p.m.	Sun farthest south, winter begins in Northern Hemisphere
24	2:00 p.m.	Moon passes north of Mars
25	2:27 p.m.	Moon in last quarter
31	9:00 a.m.	Moon passes south of Venus

Subtract one hour for CST, two hours for MST, and three hours for PST.

• Science News Letter, 86:330 November 21, 1964



NO CASE (Information Only)  
Source: APRO Bulletin, Mar&Apr 65

16 November 64  
Lolo, Montana

... Lolo, Montana—At 6:15 a.m. on 16 November 1964, Jim Fisher, Service Station operator, was opening his place of business when he saw a shimmering circle of light flying noiselessly about 3 miles west of Lolo. After flying over the Valley for several minutes the object veered sharply to the north. It had a light on top similar to the light on top of a police car. ...



Information Only  
Source: Fawcett

Buenos Aires, Argentina  
16 November 1964

✓ November 16, 1964--Buenos Aires, Argentina--Argentina Astronomers at San Miguel Observatory were puzzled because of an elongated, flattened and red UFO that crossed the observatory's telescope range in four minutes, whereas normal artificial satellites take roughly 18 minutes. This UFO moved at  $4\frac{1}{2}$  times the speed of an ordinary man-made satellite.  
SOURCE: Detroit Daily Press, Michigan.



Information Only  
Source: A P R O Bulletin, January 65

Marshfield, Wisconsin  
17 November 1964

### **Bright Globe Over Wisconsin**

A radio announcer, a housewife and a streetsweeper operator at Marshfield, Wisconsin, apparently viewed the same UFO over that town in the early morning hours of 17 November 1964.

A housewife described a "round, bright object", "3 or 4 feet in diameter", of a yellowish hue, which she observed at 1:30 a. m. and again at 4:30 a. m. She said it moved from southeast to north, then retraced its path.

Radio announcer Jack Thornton said he also observed it at 1:30 a. m. and his report tallied with that of the housewife. The street cleaner saw the object, described as above, traveling in a westerly direction over Marshfield at 4:30 a.m.



Mrs Hunt/SAFOICC/72842/13 May 65

Dear Mr. ~~██████████~~:

*May 14, 1965*

Thank you very much for your recent letter regarding unidentified flying objects. I must apologize for the delay in answering, but I am sure you will understand that the work involved in answering the many letters and analyzing and evaluating the many reports received in this office is very time consuming.

I am enclosing a copy of the current report on Project Blue Book, the Air Force project on unidentified flying objects. This report gives the official position of the Air Force on this subject.

In 16 years of investigating over 9000 reports of unidentified flying objects, the evidence has proved beyond reasonable doubt that all reported aerial phenomena have been objects either created and sent aloft by man, generated by atmospheric conditions, or caused by celestial bodies or the residue of meteoric activity.

There has never been any evidence that UFOs reported to the Air Force represented extraterrestrial vehicles. No such object reported to the Air Force has given any indication of a threat to this planet nor has any evidence been presented that any unidentified flying object exhibited characteristics beyond the scope of current technical or scientific knowledge.

During the course of investigating UFO reports, it is often necessary to check air traffic, balloon launches, and weather reports. Due to the great distance between our investigating office and Savona, it would be extremely difficult for us to try to evaluate your report.

I have been in touch with the Assistant Air Attache from Italy. He suggests that you contact someone at the following address with regard to your sightings:

Ministero della Di Fesal Aeronautico  
Stato Maggiore-Sios  
Via Cobbetti 4  
Rome, Italy